

In the Claims

Please amend the following claims:

1. (Thrice Amended) An oxygen-delivery matrix, comprising, a biocompatible, single unit construct matrix, comprising a polymer network, a non-gellable polysaccharide, and oxygen, wherein the oxygen is generated in the matrix in the manufacture of the matrix, creating multiple oxygen-rich, closed cells within the matrix;

and wherein the non-gellable polysaccharide and oxygen are dispersed throughout the polymer network.
